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(74) Agents: FENSTER, Paul et al.; FENSTER & COMPANY, INTELLECTUAL PROPERTY 2002 LTD., P.O. BOX 10256, 49002 PETACH TIKVA (IL).

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(71) Applicant (for all designated States except US): HEAL-FUS LTD. [IL/IL]; ZEMACH, 15132 EMEK HAYARDEN (IL).

(72) Inventors; and

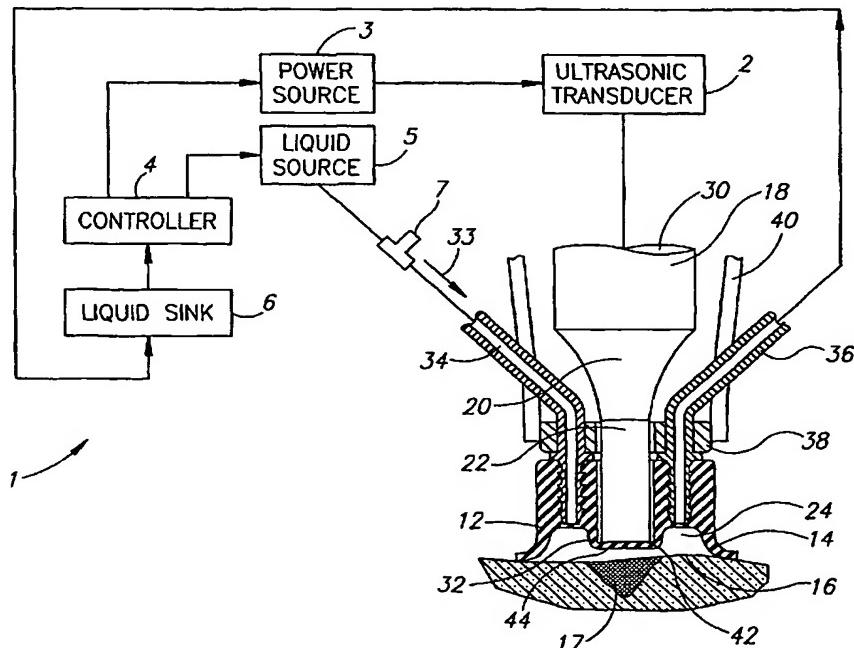
(75) Inventors/Applicants (for US only): GELLER, Benjamin [IL/IL]; 17/36 SHLOMO KLEIN STREET, 24600 AKKO (IL). LIBERSON, Roman, D. [IL/IL]; 111/3 HAAZMAUT STREET, 28219 KIRYAT ATA (IL).

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[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR TREATMENT OF DAMAGED TISSUE



(57) Abstract: Apparatus for the ultrasonic treatment of tissue, including: a housing having a space therewithin and an opening adapted for placement against the tissue, the housing being adapted for introducing liquid therein such that when so placed, the space is filled with liquid; and an ultrasonic power source that introduces ultrasonic vibrations toward the damaged tissue, said vibrations having a frequency and power level sufficient to produce cavitation of the liquid at or near the surface of the tissue.

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International application No.

PCT/IL04/00344

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61H 5/00; A61B 17/22
US CL : 601/4; 604/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 601/4; 604/22

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|---|
| X | US 6,234,990 B1 (ROWE et al.) 22 May 2001 (22.05.2001), See entire document. | 1-3, 8-11, 17-21, 23, 26, 28 and 32-34 |
| Y | US 5,279,282 A (OPPELT) 18 January 1994 (18.01.1994), See entire document. | 4-7, 12-16, 22, 24, 25, 27, 30 and 31 |
| Y | US 4,515,583 A (SORICH) 07 May 1985 (07.05.1985), See entire document. | 12-16 |
| A | | 1-34 |

Further documents are listed in the continuation of Box C.

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P.O. Box 1450

Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Shawna J. Shaw

Telephone No. (703) 308-0858